

# TP-PCC01

## INSTRUCTION SHEET

### 安裝說明 安装说明

#### ▲ Program Copy Card

- ▲ 程式複製卡
- ▲ 程序复制卡



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## Warning

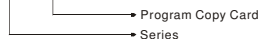
ENGLISH

- ✓ TP-PCC01 doesn't support plug and play function. Please turn off power before plugging.
- ✓ The voltage for TP-PCC01 is supplied from TP extension slot. Please ensure that plug direction is correct when connecting TP-PCC01 to TP extension slot in case danger and damage on the device may occur.

## 1 Introduction

Model Name Explanation

TP - PCC01



## 2 Electrical Specifications

| Item                                      | Model Name | TP-PCC01                              |
|---|------------|---------------------------------------|
| Data Reserved Life / Times for Writing In |            | 20 years / one hundred thousand times |
| Operation Temperature                     |            | 0°C ~ 55°C                            |
| Weight / Dimensions                       |            | 6g / 50.85×19.8×10 mm                 |

## 3 Program Copy Card Functions

Compatible firmware version: TP05G/TP08G (V1.00 and above)

Using program copy card functions can copy the whole system parameters and application programs set in one TP05G/TP08G to another TP05G/TP08G rapidly. It can save much time and manpower. The operation is described in the following sections.

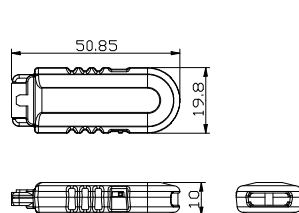
TP-PCC01 : Program Copy Card

TP : Terminal Panel (TP05G/TP08G Series)

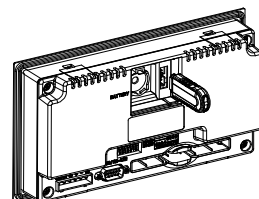
| Step | TP→TP-PCC01<br>(Copy TP program to TP-PCC01)   | TP-PCC01→TP<br>(Copy program in TP-PCC01 to TP)   |
|------|--|---|
| 1    | Turn the switch on the TP-PCC01 to TP→TP-PCC01   | Turn the switch on the TP-PCC01 to TP-PCC01→TP  |
| 2    | Insert the TP-PCC01 into the extension slot of TP  | Insert the TP-PCC01 into the extension slot of TP   |
| 3    | Apply power to TP  | Apply power to TP   |
| 4    | <ul style="list-style-type: none"><li>If the model type of TP does not match the model type of the program set in TP-PCC01:<br/>(TP05G program and TP08G program can't be compatible with each other. It means that TP05G program can't be opened and edited by TP08G, and TP08G program can't be opened and edited by TP05G either.)</li></ul> TP will display:<br><div>TP series and TP-PCC01 is different<br/>Press Enter to Confirm<br/>TP series→TP-PCC01<br/>Press Esc to Exit<br/>Press CLR to Erase TP-PCC01</div> | <ul style="list-style-type: none"><li>If there is no program in TP-PCC01 .</li></ul> TP will display:<br><div>The TP-PCC01 is Empty<br/>TP-PCC01 → TP series<br/>is illegal</div> |

|   |   |  |
|---|---|--|
| 5 | <ul style="list-style-type: none"><li>Remove the program</li></ul> TP will display:<br><div>TP-PCC01 will be Erased!<br/>Press Enter to Confirm<br/>Press ESC to Exit</div>   | <ul style="list-style-type: none"><li>If the model type of TP does not match the model type of the program set in TP-PCC01.</li></ul> TP will display:<br><div>TP series and TP-PCC01 is different<br/>Please Remove the TP-PCC01<br/>and Reboot</div>   |
|   | <ul style="list-style-type: none"><li>If the model type of TP and the model type of the program set in TP-PCC01 is matched.</li></ul> TP will display:<br><div>Press Enter to Confirm<br/>TP series→TP-PCC01<br/>Press Esc to Exit<br/>Press CLR to Erase TP-PCC01</div> Press <Enter> key to confirm the "writing in" operation. | <ul style="list-style-type: none"><li>If the model type of TP and the model type of the program set in TP-PCC01 is matched.</li></ul> TP will display:<br><div>Press Enter to Confirm<br/>TP-PCC01 → TP series<br/>Press Esc to Exit</div> Press <Enter> key to confirm the "writing in" operation.                |
|   | <ul style="list-style-type: none"><li>When executing "writing in" operation,</li></ul> TP will display:<br><div>TP series → TP-PCC01<br/>Please wait!</div>   | <ul style="list-style-type: none"><li>When executing "writing in" operation,</li></ul> TP will display:<br><div>TP-PCC01 → TP series<br/>Please wait!</div>  |
|   | <ul style="list-style-type: none"><li>"Writing in" operation is completed.</li></ul> TP will display:<br><div>Please Remove the TP-PCC01 and Reboot</div> Please turn the power of TP off and remove TP-PCC01 from TP. At this time, all TP programs and system parameters have been copied to TP-PCC01.                          | <ul style="list-style-type: none"><li>"Writing in" operation is completed.</li></ul> TP will display:<br><div>Please Remove the TP-PCC01 and Reboot</div> Please turn the power of TP off and remove TP-PCC01 from TP. At this time, all programs and system parameters stored in TP-PCC01 have been copied to TP. |
| 6 | Turn the power of TP off and then remove TP-PCC01 when the message "Please Remove the TP-PCC01 and Reboot" displays on the screen of TP.  | Turn the power of TP off and then remove TP-PCC01 when the message "Please Remove the TP-PCC01 and Reboot" displays on the screen of TP.   |

## 4 Dimension and Installation



(Units: mm)



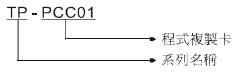
Note:  
To avoid damage to TP-PCC01, when installing TP-PCC01 into TP, please pay particular attention to the installation direction of TP-PCC01 and ensure that the side which there is a switch on it should be up and toward the user.

## ⚠ 注意事項

- ✓ 本機不支持熱插拔，在實施插拔時，請務必先關閉電源。
- ✓ 本機由人機擴充槽提供電壓，與人機擴充槽結合時，務必不可反插否則會造成嚴重損壞。

## ❶ 產品簡介

型號：



## ❷ 功能／電氣規格

| 項目        | 機型 | TP-PCC01           |
|-----------|----|--------------------|
| 資料保存／寫入次數 |    | 20 年／十萬次           |
| 使用溫度範圍    |    | 0℃ ~55℃            |
| 重量/外型尺寸   |    | 6g；50.85×19.8×10mm |

## ❸ 程式複製卡功能

適用程式版本：TP05G/TP08G(V1.00 以上)

使用程式複製卡功能，它可將整台人機所設定的系統參數及內含的應用程式，快速地完全複製到另一台人機，其操作方法如下述步驟，裝置簡稱如下：

TP-PCC01：程式複製卡（Program Copy Card）

TP：人機（TP05/TP08 Series）

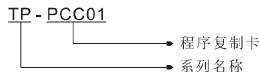
| 步驟 | TP→TP-PCC01 (TP 資料寫入 TP-PCC01)   | TP-PCC01→TP (TP-PCC01 資料寫入 TP)   |
|----|--|--|
| 一  | 將程式複製卡上的開關切到 <b>TP→TP-PCC01</b>  | 將程式複製卡上的開關切到 <b>TP-PCC01→TP</b>  |
| 二  | 將程式複製卡插入 TP 背面擴充槽  | 將程式複製卡插入 TP 背面擴充槽  |
| 三  | 輸入電源至 TP   | 輸入電源至 TP   |
| 四  | <ul style="list-style-type: none"><li>若TP的機型與程式複製卡內含程式機型不符<br/>(TP05G和TP08G的應用程式不可互用)<br/>TP 顯示：<br/>TP series and TP-PCC01 is different<br/>Press Enter to Confirm<br/>TP series→TP-PCC01<br/>Press Esc to Exit<br/>Press CLR to Erase TP-PCC01</li></ul> | <ul style="list-style-type: none"><li>若程式複製卡內未含程式<br/>TP 顯示：<br/>The TP-PCC01 is Empty<br/>TP-PCC01 → TP series<br/>is illegal</li></ul> |

## ⚠ 注意事項

- ✓ 本机不支持热插拔，在实施插拔时，请务必先关闭电源。
- ✓ 本机由人机扩展槽提供电压，与人机扩展槽结合时，务必不可反插否则会造成严重损坏。

## ❶ 产品简介

型号：



## ❷ 功能／电气规格

| 項目          | 機型 | TP-PCC01           |
|-------------|----|--------------------|
| 数据保存 / 写入次数 |    | 20 年／十万次           |
| 使用温度范围      |    | 0℃ ~55℃            |
| 重量/外型尺寸     |    | 6g；50.85×19.8×10mm |

## ❸ 程序复制卡功能

適用程序版本：TP05G/TP08G(V1.00 以上)

使用程序复制卡功能，它可将整台人机所设定的系统参数及内含的应用程序，快速地完全复制到另一台人机，其操作方法如下述步骤，装置简称如下：

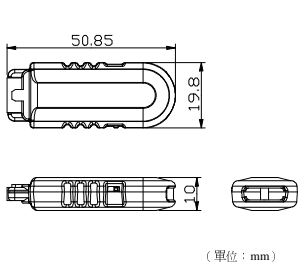
TP-PCC01：程序复制卡（Program Copy Card）

TP：人机（TP05/TP08 Series）

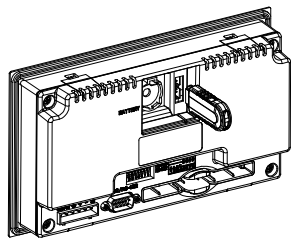
| 步驟 | TP→TP-PCC01 (TP 数据写入 TP-PCC01)   | TP-PCC01→TP (TP-PCC01 数据写入 TP)   |
|----|--|--|
| 一  | 将程序复制卡上的开关切到 <b>TP→TP-PCC01</b>  | 将程序复制卡上的开关切到 <b>TP-PCC01→TP</b>  |
| 二  | 将程序复制卡插入 TP 背面扩展槽  | 将程序复制卡插入 TP 背面扩展槽  |
| 三  | 输入电源至 TP   | 输入电源至 TP   |
| 四  | <ul style="list-style-type: none"><li>若TP的机型与程序复制卡内含程序机型不符<br/>(TP05G和TP08G的应用程序不可互用)<br/>TP 显示：<br/>TP series and TP-PCC01 is different<br/>Press Enter to Confirm<br/>TP series→TP-PCC01<br/>Press Esc to Exit<br/>Press CLR to Erase TP-PCC01</li></ul> | <ul style="list-style-type: none"><li>若程序复制卡内未含程序<br/>TP 显示：<br/>The TP-PCC01 is Empty<br/>TP-PCC01 → TP series<br/>is illegal</li></ul> |

|   |   |   |
|---|---|---|
| 五 | <ul style="list-style-type: none"><li>程式清除<br/>TP 顯示：<br/>TP-PCC01 will be Erased!<br/>Press Enter to Confirm<br/>Press ESC to Exit</li></ul>   | <ul style="list-style-type: none"><li>若 TP 的機型與程式複製卡內含程式機型不符<br/>TP 顯示：<br/>TP series and TP-PCC01 is different<br/>Please Remove the TP-PCC01<br/>and Reboot</li></ul>                       |
|   | <ul style="list-style-type: none"><li>機型相符<br/>TP 顯示：<br/>Press Enter to Confirm<br/>TP series→TP-PCC01<br/>Press Esc to Exit<br/>Press CLR to Erase TP-PCC01<br/>按下&lt;Enter&gt;確認寫入動作</li></ul> | <ul style="list-style-type: none"><li>機型相符<br/>TP 顯示：<br/>Press Enter to Confirm<br/>TP-PCC01 → TP series<br/>Press Esc to Exit<br/>按下&lt;Enter&gt;確認寫入動作</li></ul>                           |
|   | <ul style="list-style-type: none"><li>寫入動作執行中<br/>TP 顯示：<br/>TP series →TP-PCC01<br/>Please wait !</li></ul>  | <ul style="list-style-type: none"><li>寫入動作執行中<br/>TP 顯示：<br/>TP-PCC01 →TP series<br/>Please wait !</li></ul>  |
|   | <ul style="list-style-type: none"><li>動作完成<br/>TP 顯示：<br/>Please Remove the TP-PCC01 and<br/>Reboot<br/>請關閉電源，取出 TP-PCC01，此時 TP-PCC01 內部具有 TP 中的的程式及所有系統參數<br/>螢幕上顯示移除程式複製卡時請先斷電後移除</li></ul>     | <ul style="list-style-type: none"><li>動作完成<br/>TP 顯示：<br/>Please Remove the TP-PCC01 and<br/>Reboot<br/>請關閉電源，取出 TP-PCC01，此時 TP 內部具有 TP-PCC01 中的的程式及所有系統參數<br/>螢幕上顯示移除程式複製卡時請先斷電後移除</li></ul> |
| 六 | 螢幕上顯示移除程式複製卡時請先斷電後移除  |   |

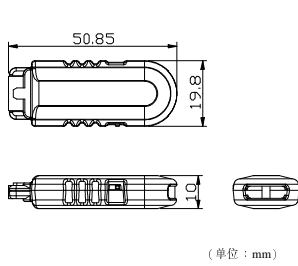
## ❹ 外觀及安裝方式



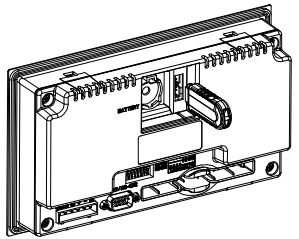
（單位：mm）



註：複製卡置入時，請注意側端開關處朝上，避免損壞元件



（單位：mm）



註：复制卡置入时，请注意侧端开关处朝上，避免损坏元件